

Technical data sheet

Product name: **Ammonium sulfate**

Grade: **Laboratory**

Chemical formula: $(\text{NH}_4)_2\text{SO}_4$

Molar mass: 132.14 g/mol

Synonyms: Mascagnite; Diammonium sulfate; Sulfuric acid diammonium salt

General information	
Cas- No.	7783-20-2
Ec-No.	231-984-1
Appearance	White to grey/brown solid
Boiling point	N/A
Melting point	280 °C (decomposes)
Bulk density	850 kg/m ³
Spec.density	1.77 g/cm ³ (25 °C)
Vapour pressure	<0.1 hPa (25 °C)
Solub. In H ₂ O	754 - 764 g/l
Storage temp	+2°C to +30°C
R:	8-22-36/37/38-42/43
S:	22-24-26-37

Specification	
Assay	≥ 98.5 %
Identification(Ammonium)	Conforms
Identification(Sulfate)	Conforms
Insoluble matter	≤ 0.005 %
Sulfate ash	≤ 0.05 %
Iron	≤ 0.002 %
Chloride	≤ 0.003%
pH	4.5 - 6 (5 %; water,)

Symbol:



packaging:

Available Pack	1Kg	5Kg	10Kg
P.E	*	*	*
GLASS	-	-	-